INDUSTRIAL MEDICINE AND SURGERY

Subject Index

Volume 39 • Numbers 1–12 • 1970

abstracts
Education in Occupational Medicine in England; March, page 64.
Seventh Inter-American Conference on Toxicology; July, page 32.

alcoholism
Resources for Helping the Problem Drinker; July, page 17.

anesthesia
Intravenous Regional Anesthesia for Outpatient Operations on the Upper Extremity, *William P. Graham III, M.D.*; May, page 37.

announcements
Threshold Limit Values of Airborne Contaminants Adopted by ACGIH for 1969; March, page 70.
Industrial Disease Screening Workshop; March, page 78.
Annual Meeting Program – American Association of Railway Surgeons; March, page 79.
Linkletter to Speak; August, page 69.
Medical Malpractice Seminar; October, page 19.
75th Anniversary of X-Rays; October, page 16.

antibiotics
Optimal Antibiotic Therapy in Cholera, *C. K. Wallace et al*, March, page 42.

behavioral problems
Psychiatric Rejects from Military Service and Their Employability in Civilian Life, *Anita Stevens, M.D.*; December, page 46.
Establishing a Preventive Program to Identify Behavioral Problems in Industry, *W. Wayne Stewart, M.D.*; December, page 41.

cancer
The Impact of Modern Cytology upon Cancer Detection and Prevention in Industry, *J. Ernest Ayre, M.D., Albert J. Snyder, M.D. and Helmut E. Fegerl, M.D.*; January, page 57.
Cancer and Exposure to Mineral Oils, *H. G. Parkes, M.B.*; February, page 51.
Aetiology of Tumours of the Urinary Bladder, *Margery Wood, Ph.D.*; February, page 55.
World Maps of Cancer Mortality Rates and Frequency Ratios – Part I, *Lucia J. Dunham, M.D. and John C. Bailar III, M.D.*; February, page 62.
Identification of Bladder Carcinogens by Paper Chromatography, *Souheil Laham, Ph.D.*; March, page 47.
World Maps of Cancer Mortality Rates and Frequency Ratios – Part II, *Lucia J. Dunham, M.D. and John C. Bailar III, M.D.*; March, page 53.
World Maps of Cancer Mortality Rates and Frequency Ratios – Parts III and IV, *Lucia J. Dunham, M.D. and John C. Bailar III, M.D.*; June, page 37.
Breast Cancer: Roles of Mammography and Thermography, *J. Gershon-Cohen, M.D.*; August, page 19.

cardiology
Psychosocial Factors in Coronary Heart Disease, *John R. P. French, Jr. and Robert D. Caplan*; September, page 31.
Diagnosis of Coronary Heart Disease, *Norman Makous, M.D.*; September, page 46.

clinical practices
The ABC's of Emergency Care of Serious Head Injuries in Industry, *Wm. F. Bouzarth, M.D.*; January, page 25.
Periodic Executive Examinations, *Francis N. Lohrenz, M.D. and Frederick J. Wenzel, B.S.*; March, page 62.
The Use of Nitrofurazone Preparations in Industrial Practice, *James Frenkil, M.D. and Elliott R. Fishel, M.D.*; June, page 54.

diagnosis
Common Errors in the Diagnosis of Herniation of the Intervertebral Disk, *Joseph A. Epstein, M.D.*; November, page 47.
Investigation of the Relation Between Low Back Pain and Occupation, *Alexander Magora, M.D.*; November, page 31.
Investigation of the Relation Between Low Back Pain and Occupation 2. Work History, *Alexander Magora, M.D.*; December, page 28.

drugs
The Drug Problem and Industry, *Frederick M. Garfield*; August, page 55.
How Many New Employees are Drug Abusers? *George P. Bisgeier, M.D.*; August, page 58.
Drug Abuse Among Union Members, *Leo Perlis*; September, page 54.
Physician's Duty to Patient – to Company, *David Joe Smith, M.D.*; September, page 57.
The Determination of Drugs in Biological Specimens as an Employee Screening Procedure, *Jack E. Wallace, Ph.D. and Sheldon L. Ladd, Ph.D.*; October, page 23.

editorial
"T" Sessions, *W. Wayne Stewart, M.D.*; February, page 24.
The International Conference on Coal Workers' Pneumoconiosis, *W. Wayne Stewart, M.D.*; March, page 14.
Joseph H. Skom, M.D.; August, page 16.

environmental health
Arctic Tanker Medicine, *William R. Clark, Jr., M.D. and C. Hunter Montgomery, M.D.*; March, page 37.

environmental medicine
Protecting our Internal Environment, *Julius M. Coon, M.D.*; October, page 31.

gerontology
Unemployment and the Middle-Aged Worker; April, page 40.
Canadian Pension Plans no Longer a Major Obstacle to the Employment of Older Workers, *H. L. Douse*; April, page 45.

industrial health
Department of Industrial Health, TATA Services Ltd., *P. V. Thacker, M.D.*; December, page 13.

international digest
CIS International Occupational Safety and Health Information Centre; August, page 14.

occupational health
Cutting Fluids and Skin Disorders, *Gerald A. Gellin, M.D.*; February, page 38.
Cutaneous Hazards of Lubricants, *Geoffrey Hodgson, M.B.*; February, page 41.

The Microbiology of Industrial Lubricants and Emulsions, *E. C. Hill*; February, page 47.
Synopsis of the Work Session Proceedings International Conference on Coal Workers' Pneumoconiosis, *Spindletop Research, Inc.*; March, page 19.
The Challenge of Hearing Protection, *Roger Maas, M.D.*; March, page 29.
Thermoplastic Resins Decomposition, *William M. Cleary*; March, page 34.
Medical Aspects of the Industrial Noise Problem, *Meyer S. Fox, M.D.*; June, page 19.
Occupational Health Services in Brazilian Industries, *Diego Pupo Nogueira, M.D.*; June, page 23.
An Over-all Review – Activities of Occupational Safety and Health Institutes, *N. S. Mankiker*; August, page 30.
Development and Functions of the New South Wales Division of Occupational Health, *Alan Bell, M.D.*; September, page 19.
A Review of Health and Safety of Deep Divers, *Robert A. Wise, M.D.*; December, page 21.

occupational medicine
Investigation of Medical Disorders as Related to Occupational Categories in an Organizational Setting, *Louis B. Arnoldi, M.D.*; January, page 30.
Applying the Computer to an International Health Screening Program, *John C. Duffy, M.D.*; January, page 35.
Some Questions about the Practice of Occupational Health in Developing Countries, *Jacques Chauderon, M.D.*; January, page 39.
Partnership for Prevention – The Insulation Industry, *Irving J. Selikoff, M.D.*; April, page 21.
The Psychological Effects of Litigation on the Industrially Injured Patient, *Donald H. Naftulin, M.D.*; April, page 26.
Lateral and Medical Epicondylitis of the Humerus, *Paul W. Lapidus, M.D.*; April, page 30.
Hardcore Personality and Industrial Illnesses, *Gertrude Zemon Gass, Ph.D.*; April, page 33.
Firestone Medical Services in Liberia, *R. B. Cunningham and J. C. Jefferey*; May, page 23.
Low Back Injuries in Industry, *M. B. Bond, M.D.*; May, page 28.
Medical Facilities Available in the Northwest Territory, November, page 17.

orthopedics
Peripheral Nerve Injuries Complicating Fractures and/or Dislocations of Long Bones, *E. G. Fragiadakis, M.B.*; November, page 43.

physical examinations
Recommended Medical Standards for Examination of Job Applicants and Employees with Diabetes Mellitus, *W. Wayne Stewart, M.D. and Charles S. Ryan, M.D.*; April, page 38.
Experience Factors in Performing Periodic Physical Evaluations, *Archie A. Hoffman, M.D.*; May, page 33.
Industrial Experience with Automated Multiphasic Health Examinations, *Herbert A. Haessler, M.D.*; August, page 24.
Diseases Which Can and Should Be Detected Early, *Morris F. Collen, M.D.*; August, page 27.
Physical Examination of the Arthritic Patient, *Paul J. Bilka, M.D.*; September, page 50.

physical therapy
Experience with Physical Conditioning Programs in Middle-Aged Men, *Benjamin Schuster, M.D. and Edwin Stanley, M.D.*; November, page 38.

product research and development
Eyes for the Job, *Reuel A Sherman, D.D.S.*; April, page 60.
Automation of the Medical Record for Industrial Health and Health Screening, *John Lu, M.D. and Stanley E. Amin*; April, page 70.

radiology
Federal Responsibility in Radiological Health, *John J. Hanlon, M.D.*; February, page 78.
Values of Pre-Employment Radiographic Assessment of the Lumbar Spine, *Henry La Rocca, M.D. and Ian Macnab*; June, page 31.
Radiation Effects on the Eye, *Walter J. Geeraets, M.D.*; October, page 51.

reference pull-out
HEW Advisory Memorandums; February, page 17.
Management of Head Injury by Industrial Nurses; January, page 21.
Emergency Handling of Radiation Accident Cases; January, page 87.
HEW Advisory Memorandum; March, page 67.
HEW Advisory Memorandum; April, page 17.
Quarantinable Diseases; April, page 67.
Trends of Quarantinable Diseases Recorded by the WHO; May, page 17.
Announcements of Special Interest; May, page 67.

report
Health Effects of Air Pollution, WHO Symposium; January, page 71.
The Decade of Rehabilitation: Observations on the Eleventh World Congress on Rehabilitation, *Walter J. Gerstle, M.D.*; February, page 82.
Trends of Quarantinable Diseases Recorded by the WHO; February, page 87.
Metabolism of Industrial Solvents – The Biotransformations of Benzene and Benzene Substitutes, *Souheil Laham, Ph.D.*; May, page 61.

safety
Promotion of Occupational Safety and Health in Small Undertakings, *Howard Pyle*; January, page 42.
The Measurement of Work-Accident Experience in the American Petroleum Industry, *Leo Greenberg*; June, page 27.

symposium
Drug Abuse in Industry – Program; March, page 17.

toxicology
Studies on Placental Transfer, *Souheil Laham, Ph.D.*; January, page 46.
Selenium and its Industrial Toxicology, *John R. Glover, M.A.*; January, page 50.
Cardiovascular Effects of o,p′-DDD, *Cipriano Cueto, Jr., Ph.D.*; January, page 55.
Toxicological and Microbiological Aspects of Cutting Fluid Preservatives, *Thomas H. F. Smith*; February, page 29.
In Vivo Detoxication of p,p′-DDT via p,p′-DDE to p,p′-DDA in Rats, *P. R. Datta, Ph.D.*; April, page 49.
p,p′-DDT Detoxication by Isolated Perfused Rat Liver and Kidney, *P. R. Datta, Ph.D. and M. J. Nelson, M.S.*; April, page 54.
The Toxicological Properties of Hydrocarbon Solvents, *C. H. Hine, M.D., and H. H. Zuidema, Ph.D.*; May, page 39.
The Problem of Harmful Exposure to Chromium Compounds, *M. Barborik, M.D.*; May, page 45.
Nitro-Olefins, Combustion Products of Hydrocarbons, III. 3-Nitro-2-Methyl-2-Butene, A Combustion Product of 2-Methyl-2-Butene, *Jonathan Wasserberger, M.S., Jack L. Radomski, Ph.D. and William B. Deichmann, Ph.D.*; May, page 49.
The Toxicity of Dicophane in Relation to Dietary Protein Intake, *Eldon M. Boyd, M.D. and Elvira S. DeCastro*; May, page 53.
Chronic Effect of Petroleum Derivatives on Enzyme Constellations, *V. Raitcheva, M.D. and O. Ziatarev, M.D.*; August, page 34.
The Effect of Chlorinated Hydrocarbons on Drug Metabolism in Mice, *Janis Gabliks, Ph.D. and Ellen Maltby-Askari, B.S.*; August, page 36.
Kern County Pesticides Study, *R. T. Rappolt, Sr., M.D., Donald Mengle, M.S., Wayne E. Hale, B.S., Blanche Hartman, A.B. and Billie May Salmon*; August, page 40.

Dietary Protein and Dieldrin Toxicity, *G. S. Stoewsand, Ph.D., E. J. Broderick, B.S. and J. B. Bourke, Ph.D.*; August, page 45.
Effects of Acute and Chronic Exposure to DDT and of DDT-Drug Interactions on Experimental Seizure Responses, *Dorothy E. Woolley, Ph.D.*; August, page 50.
A Review of Polycyclic Aromatic Hydrocarbons in Foods, *John W. Howard, Ph.D. and Thomas Fazio*; October, page 46.
Tumorigenicity of Aldrin, Dieldrin and Endrin in the Albino Rat, *Wm. B. Deichmann, Ph.D., W. E. MacDonald, Ph.D., E. Blum, M.D., M. Bevilacqua, M.D., J. Radomski, M. Keplinger and M. Balkus*; October, page 37.
Some Effects of Dietary Commercial DDT on Ehrlich Ascites Tumor Cells, *Ernest M. Walker, Jr., Ph.D., Richard H. Gadsden, Ph.D., Loretta M. Atkins, B.A. and Glen R. Gale, Ph.D.*; November, page 27.
Report on the Seventh Inter-American Conference on Toxicology and Occupational Medicine; December, page 60.
Long Term Studies on Body Reactivity of Workers in a Pesticide Plant, *Marcus Wassermann, M.D.*; December, page 35.

"t" sessions

Side Effects and Possible Dangers of Sensitivity Training, *Jose J. Llinas, M.D.*; February, page 74.
Sensitivity Training Programs in Industry, *Warren S. Wille, M.D.* February, page 76.

AUTHOR INDEX

A

Amin, Stanley E., *Apr., 70*
Arnoldi, Louis B., M.D., *Jan., 30*
Atkins, Loretta M., B.A., *Nov., 27*
Ayre, J. Ernest, M.D., *Jan., 57*

B

Bailar, III, John C., M.D., *Feb., 62; Mar., 53; June, 37*
Balkus, M., *Oct., 37*
Barborik, M., M.D., *May, 45*
Bell, Alan, M.D., *Sept., 19*
Bevilacqua, M., M.D., *Oct., 37*
Bilka, Paul J., M.D., *Sept., 50*
Bisgeier, George P., M.D., *Aug., 58*
Blum, E., *Oct., 37*
Bond, M. B., M.D., *May, 28*
Bourke, J. B., Ph.D., *Aug., 45*
Bouzarth, William F., M.D., *Jan., 25*
Boyd, Eldon M., M.D., *May, 53*
Broderick, E. J., B.S., *Aug., 45*

C

Caplan, Robert D., *Sept., 31*
Chauderon, Jacques, M.D., *Jan., 39*
Clark, Jr., William R., M.D., *Mar., 37*
Cleary, William M., *Mar., 34*
Collen, Morris F., M.D., *Aug., 27*
Coon, Julius M., M.D., *Oct., 31*
Cueto, Jr. Cipriano, Ph.D., *Jan., 55*
Cunningham, R. B., *May, 23*

D

Datta, P. R., Ph.D., *Apr., 49; Apr., 54*
DeCastro, Elvira S., *May, 53*
Deichmann, William B., Ph.D., *May, 49; Oct., 37*
Douse, H. L., *Apr., 45*
Duffy, John C., *Jan., 35*
Dunham, Lucia J., M.D., *Feb., 62; Mar., 53; June, 37*

E

Epstein, Joseph A., M.D., *Nov., 47*

F

Fazio, Thomas, *Oct., 46*
Fegerl, Helmut E., M.D., *Jan, 57*
Fishel, Elliott R., M.D., *June, 54*
Fox, Meyer S., *June, 19*
Fragiadakis, E.G., M.B., *Nov., 43*
French, Jr., John R. P., *Sept., 31*
Frenkil, James, M.D., *June, 54*

G

Gabliks, Janis, Ph.D., *Aug., 36*
Gadsden, Richard H., Ph.D., *Nov, 27*
Gale, Glen R., Ph.D., *Nov, 27*
Garfield, Frederick M., *Aug., 55*
Gass, Gertrude Zemon, Ph.D., *April, 33*
Geeraets, Walter J., M.D., *Oct., 51*
Gellin, Gerald A., M.D., *Feb., 38*
Gershon-Cohen, J., M.D., *Aug., 19*
Gerstle, Walter J., M.D., *Feb., 82*
Glover, John R., M.A., *Jan., 50*
Graham, III, William P., M.D., *May, 37*
Greenberg, Leo, *June, 27*

H

Haessler, Herbert A., M.D., *Aug., 24*
Hale, Wayne E., B.S., *Aug., 40*
Hanlon, John J., *Feb., 78*
Hartman, Blanche, A.B., *Aug., 40*
Hill, E. C., *Feb., 47*
Hine, C. H., M.D., *May, 39*
Hodgson, Geoffrey, M.B., *Feb., 41*
Hoffman, Archie A., M.D., *May, 33*
Howard, John W., Ph.D., *Oct., 46*

J

Jefferey, J. C., *May, 23*

K

Keplinger, M., *Oct., 37*

L

Ladd, Sheldon L., Ph.D., *Oct., 23*
Laham, Souheil, *Jan., 46; Mar., 47; May 61*
Lapidus, Paul W., M.D., *Apr., 30*
La Rocca, Henry, M.D., *June, 31*
Llinas, Jose J., M.D., *Feb., 74*
Lohrenz, Francis N., M.D., *Mar., 62*
Lu, John, M.D., *Apr., 70*

M

Maas, Roger, M.D., *Mar., 29*
MacDonald, W. E., *Oct., 37*
Macnab, Ian, *June, 31*
Magora, Alexander, M.D., *Nov., 31; Dec., 28*
Makous, Norman, M.D., *Sept., 46*
Maltby-Askari, Ellen, B.S., *Aug., 36*
Mankiker, N. S., *Aug., 30*
Mengle, Donald, M.S., *Aug., 40*
Montgomery, C. Hunter, M.D., *Mar., 37*

N

Naftulin, Donald F., M.D., *Apr., 26*
Nelson, M. J., M.S., *Apr., 54*
Nogueira, Diego Pupo, M.D., *June, 23*

P

Parkes, H. G., M.B., *Feb., 51*
Perlis, Leo, *Sept., 54*
Pyle, Howard, *Jan., 42*

R

Radomski, Jack L., Ph.D., *May, 49; Oct., 37*
Raitcheva, V., M.D., *Aug., 34*
Rappolt, Sr., R. T., M.D., *Aug., 40*
Ryan, Charles S., M.D., *Apr., 38*

S

Salmon, Billie May, *Aug., 40*
Schuster, Benjamin, M.D., *Nov., 38*
Selikoff, Irving J., M.D., *Apr., 21*
Sherman, Reuel A., D.D.S., *Apr., 60*
Skom, Joseph H., *Aug., 16*
Smith, David Joe, M.D., *Sept., 57*
Smith, Thomas H. F., *Feb., 29*
Snyder, Albert J., M.D., *Jan., 57*
Spindletop Research, Inc., *Mar., 19*
Stanley, Edwin, M.D., *Nov., 38*
Stevens, Anita, M.D., *Dec., 46*
Stewart, W. Wayne, M.D., *Feb., 24; Mar., 14; Apr., 38; Dec., 41*
Stoewsand, G. S., Ph.D., *Aug., 45*

T

Thacker, P. V., M.D., *Dec., 13*

W

Walker, Jr., Ernest M., Ph.D., *Nov., 27*
Wallace, C. K., *Mar., 42*
Wallace, Jack E., Ph.D., *Oct., 23*
Wasserberger, Jonathan, *May, 49*
Wassermann, Marcus, M.D., *Dec., 35*
Wenzel, Frederick J., B.S., *Mar., 62*
Wille, Warren S., M.D., *Feb., 76*
Wise, Robert A., M.D., *Dec., 21*
Wood, Margery, Ph.D., *Feb., 55*
Woolley, Dorothy E., Ph.D., *Aug., 50*

Z

Ziatarev, O., M.D., *Aug., 34*
Zuidema, H. H., Ph.D., *May, 39*